IN THE CLAIMS:

Please amend the claims as follows:

1. *(previously presented)* A method for improving a digital image displayed on a display, comprising:
   - determining an instantaneous property of the display;
   - determining a property of the digital image;
   - determining parameters for an image processing method at least partly on the basis of said instantaneous property of the display and said property of the digital image; and
   - processing the digital image by means of said image processing method, while applying said parameters so as to produce an image transformation of said digital image for presentation on said display.

2. *(previously presented)* The method according to claim 1, wherein all determining and processing actions are repeated at a repetition rate.

3. *(previously presented)* The method according to claim 2, further comprising:
   - detecting a change in said instantaneous property of the display; and
   - repeating said determining and processing actions when a change is detected.

4. *(previously presented)* The method according to claim 3, wherein said determination of parameters is further based on an operation mode of the display.

5. *(previously presented)* The method according to claim 4, wherein the digital image is adapted to one display out of a group of displays consisting of reflective and transflective displays.

6. *(previously presented)* The method according to claim 5, wherein said image processing method comprises at least one sub-method chosen from a group of

sub-methods consisting of saturation increase, color componentwise histogram stretch, and unsharp masking.

7. *(currently amended)* A mobile device comprising:

- a display unit,

- an image memory ~~for holding~~configured to hold a digital image,

- an image improvement unit ~~for improving~~configured to improve said digital image displayed on the display unit, said image improvement unit being ~~arranged~~ configured to

   - determine an instantaneous property of the display;

   - determine a property of the digital image; and

   - determine parameters for an image processing method at least partly on the basis of said instantaneous property of the display and said property of the digital image; and

- a display processor ~~for processing~~configured to process the digital image by means of said image processing method, while applying said parameters so as to produce an image transformation of said digital image for presentation on said display.

8. *(previously presented)* The mobile device according to claim 7, with said display being one of a reflective and a transflective display.

9. *(previously presented)* The mobile device according to claim 8, wherein said image improvement unit is provided in said display unit.

10. *(currently amended)* The mobile device according to claim 9, wherein said image improvement unit is provided outside of the display unit, and is ~~arranged~~ configured to communicate therewith.

11. *(currently amended)* A display unit comprising:
- a display,

- an image memory ~~for holding~~configured to hold a digital image,

- an image improvement unit ~~for improving~~configured to improve said digital image displayed on the display, said image improvement unit being ~~arranged~~ configured to

   - determine an instantaneous property of the display;

   - determine a property of the digital image; and

   - determine parameters for an image processing method at least partly on the basis of said instantaneous property of the display and said property of the digital image; and

- a display processor ~~for processing~~configured to process the digital image by means of said image processing method, while applying said parameters so as to produce an image transformation of said digital image for presentation on said display.

12. *(previously presented)* A use of an image processing method comprising at least one sub-method chosen from a group of sub-methods consisting of saturation increase, color componentwise histogram stretch, and unsharp masking, for improving a digital image for display in accordance with claim 1.

13. *(previously presented)* A use of an image processing method comprising at least one sub-method chosen from a group of sub-methods consisting of saturation increase, color componentwise histogram stretch, and unsharp masking, in a mobile device according to claim 7.

14. *(previously presented)* The method according to claim 1, further comprising:
- detecting a change in said instantaneous property of the display; and

    - repeating said determining and processing measures when a change is detected.

15. *(previously presented)* The method according to claim 1, wherein said determination of parameters is further based on an operation mode of the display.

16. *(previously presented)* The method according to claim 1, wherein the digital image is adapted to one display out of a group of displays consisting of reflective and transflective displays.

17. *(previously presented)* The method according to claim 1, wherein said image processing method comprises at least one sub-method chosen from a group of sub-methods consisting of saturation increase, color componentwise histogram stretch, and unsharp masking.

18. *(previously presented)* The mobile device according to claim 7, wherein said image improvement unit is provided in said display unit.

19. *(previously presented)* The mobile device according to claim 7, wherein said image improvement unit is provided outside of the display unit, and is arranged to communicate therewith.

20. *(previously presented)* A mobile device comprising:
    - means for displaying a digital image,

    - means for holding a digital image,

    - means for improving said digital image displayed on the means for displaying a digital image, said means for improving said digital image displaying including:

- means for determining an instantaneous property of the means for displaying a digital image;

- means for determining a property of the digital image; and

- means for determining parameters for an image processing method at least partly on the basis of said instantaneous property of the means for displaying a digital image and said property of the digital image; and

- means for processing the digital image by means of said image processing method, while applying said parameters so as to produce an image transformation of said digital image for presentation on said display.

21. *(previously presented)* A method comprising:
- determining an instantaneous property of a display;
- determining a property of a digital image;
- determining parameters for an image processing method based at least partly on said instantaneous property of the display and said property of the digital image.

22. *(currently amended)* A mobile device comprising:
- a display unit,
- an image memory ~~for holding~~configured to hold a digital image, and
- an image improvement unit ~~for improving~~configured to improve said digital image displayed on the display unit, said image improvement unit being ~~arranged~~ configured to
  - determine an instantaneous property of the display;
  - determine a property of the digital image; and
  - determine parameters for an image processing method based at least partly on said instantaneous property of the display and said property of the digital image.